



BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, New York 11973

(516) 345- 2144

Department of Nuclear Energy

December 28, 1979

Mr. Robert L. Ferguson
Plant Systems Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: Dresden 2 and 3 - Fire Protection Review items 3.1.5 and 3.1.6

Dear Bob:

Information on design review items in 3.1.5 Water Suppression Systems and 3.1.6 Gas Suppression Systems, were submitted in September of 1978. Upon review of this information, additional details were requested on a number of sub-items. This additional information was submitted on November 30, 1978, January 4, 1979, March 7, 1979, June 11, 1979, July 13, 1979 and July 24, 1979.

The sub-items under 3.1.5 Water Suppression

- a. Water deluge system, high pressure core injection room,
- b. Sprinkler system extension-elevation 495 feet, Turbine Building,
- c. Sprinkler system unit 3 Cable tunnel,
- d. Water suppression - turbine trackway,
- e. Sprinkler system - crib house,

have been reviewed and found acceptable.

Sub-item: Sprinkler system Cable Concentration on mezzanine turbine building elevation 534 feet has also been reviewed but additional information is required from the utility. These details consist of the detection system for the actuation of the preaction sprinkler system.

Item 3.1.6 Gas Suppression system is still open. The conceptual drawings for the gas suppression system for the auxiliary electrical room and computer room are acceptable except additional information will be submitted by the licensee on concentrations, soak time, discharge rate underfloor coverage and a coverage of small area in the tunnel. This information will be reviewed upon receipt and an additional letter written.

Respectfully yours,

R. E. Hall
Robert E. Hall, Group Leader
Reactor Engineering Analysis

REH:EAM:sd

cc.: R. Cerbone
W. Kato
E. MacDougall
V. Panciera
E. Sylvester

*Approved
5-10
Add:
R. Ferguson LE*
F 8001030 570

DECEMBER 27 1979

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Mr. D. Louis Peoples
Director of Nuclear Licensing
Commonwealth Edison Company
P. O. Box 767
Chicago, Illinois 60690

Dear Mr. Peoples:

We have completed our review of your submittals dated October 18, November 21, November 30, December 3, and December 17, 1979, which provided your commitments and schedule for implementation of the TMI-2 Lessons Learned Task Force Recommendations for Dresden Units Nos. 1, 2 and 3, Quad Cities Units Nos. 1 and 2 and Zion Units Nos. 1 and 2. We have determined from our review and in discussions with your staff that you have committed to implement each Category A requirement (excluding requirement 2.1.7.a) prior to plant operation after December 31, 1979. I take this occasion to acknowledge, personally, your responsiveness to our requests.

Although you have committed to complete each item on schedule, I recognize that unforeseen circumstances may arise, such as equipment delays that may dictate that you revise your stated position. Should such an occasion arise, we request that you notify us promptly, within 48 hours, of the circumstances involved and any change to your present commitment.

As stated in my letter of October 30, 1979, the NRC will be performing a post-implementation review of your method of implementing each requirement. You should submit for our review by the required completion date, appropriate documentation of your actions. Category B lessons learned requirements, those scheduled for implementation by January 1, 1981, will be the subject of future correspondence.

Sincerely,

Original Signed by
H. R. Denton

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Harold R. Denton, Director
Office of Nuclear Reactor Regulation

<u>ORB#3</u>	<u>ORB#1</u>	<u>ORB#2</u>	<u>ORB#3</u>	<u>ORB#1</u>	<u>ORB#2</u>
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LP may

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